

Product datasheet for **RN216057**

Stard5 (NM_001192011) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stard5 (NM_001192011) Rat Untagged Clone
Tag: Tag Free
Symbol: Stard5
Synonyms: RGD1561783
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN216057 representing NM_001192011
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATCTGTCCTGGGCCACGCAAGAGAGTGAGGCGGTGGCAGAGAAGGTGCTCCGGTACCGCGGGGACG
CGTCGGGCTGGAAGAAGTGCCGGGAAGGCAATGGAGTTTCAATTTCTGGAGGCCATCTGAGGAGTTTCC
AGGGAATCTGTACCGGGGAGAAGGGATTCTGTGTGGGACACCGGAAGAGGTGTGGGATTGTGTAAGCCA
GTTGCCGGGGCCTTCGGGAGAAGTGGGATGACAATGTGAACAGCTTTGAAATTGTCAAAGCATCACGG
ATACGCTGTGTGTGAGCAGAACCTCCACGCCCTCAGCTGCCATGAAGCTGATTTGCCCCAGGGACTTTGT
GGACTTGGTGCTAGTAAAAAGTATGAGGATGGCACCATCAGTTCCAATGCTACCCACGTGGAGCATCCA
TTGTGTCCGCCAAAGCCCGTTTTGTGAGAGGATTTAACCATCCATGTGGGTGCTTCTGTGAACCACTGC
CAGGGGAGCCCAAAAACCCACCTGGTCACATTCTTCCAGACAGACCTGAATGGCTACCTTCTCAGAG
TGTGGTGGACTCCTTCTCCCTCGCAGCATGGCTGAGTTTTACCCCAACCTTCAGAAGGCCGTGAGGAAG
TTCCATCACTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-RsrII
ACCN: NM_001192011
Insert Size: 642 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001192011.1, NP_001178940.1</u>
RefSeq Size:	1202 bp
RefSeq ORF:	642 bp
Locus ID:	502348
Cytogenetics:	1q31